

12-13-05

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
ERIC J. BECKMAN et al. )  
Serial No.: 10/759,904 )  
Filed: JANUARY 16, 2004 )      BIODEGRADABLE POLYURETHANES  
                          )      AND USE THEREOF  
Art Unit: 1632 )  
Examiner: TO BE ASSIGNED )  
Attorney Docket No.: 02-012 )

Pittsburgh, Pennsylvania 15219  
December 12, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

CERTIFICATION OF EXPRESS MAILING UNDER 37 CFR 1.10

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Henry E. Bartony, Jr.  
PERSON MAILING PAPER

Henry E. Bartony, Jr.

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December 12, 2005

DATE



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<i>Henry E. Bartony, Jr.</i>	
Henry E. Bartony, Jr., Registration No 34, 772	
December 12, 2005	
Dated	

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INFORMATION DISCLOSURE STATEMENT

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56, Applicants submit the attached Forms PTO/SB/08A and PTO/SB/08B listing publications for consideration by the Examiner. Kindly, make these publications of record in the file of the application.

### STATEMENT OF RELEVANCY

The relevance of the publications listed on attached Forms PTO/SB/08A and PTO/SB/08B is apparent from their disclosure.

The Examiner is respectfully requested to initial a copy of the attached Forms PTO/SB/08A and PTO/SB/08B to show consideration of the publications, and to return the initialed form to the undersigned Attorney for Applicants.

Applicants note that although the cited references may be relevant to the examination of the above-referenced application, the filing of this Statement is not an admission that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in § 1.56(b).

Applicants believe that no fee is required in connection with this Information Disclosure Statement. However, the United States Patent and Trademark Office is hereby authorized to charge any fee that may be required to Deposit Account No. 02-1065. A duplicate copy of this Information Disclosure Statement is transmitted herewith.

Respectfully submitted,

ERIC J. BECKMAN et al  
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PTO/SB/08A (07-05)

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**Complete if Known**

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 3

Application Number	10/759,904
Filing Date	JANUARY 16, 2004
First Named Inventor	ERIC J. BECKMAN
Art Unit	1632
Examiner Name	TO BE ASSIGNED

Attorney Docket Number 02-012

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A1	US- 5,916,585		05-30-1997	COOK	
A2	US- 6,221,997		04-28-1997	WOODHOUSE	
A3	US- 6,291,200		11-17-1999	LEJEUNE	
A4	US- 6,306,177		08-20-1997	FELT	
A5	US- 6,376,742		02-17-1999	ZDRAHALA	
A6	US- 6,409,764		12-03-1998	WHITE	
A7	US- 6,534,084		06-30-1999	VYAKARNAM	
A8	US- 6,210,441		04-03-2001	FLODIN	
A9	US- 5,001,210		10-03-1989	COURY	
A10	US- 6,111,129		11-04-1998	BARROWS	
A11	US-				
A12	US-				
A13	US-				
A14	US-				
A15	US-				
A16	US-				
A17	US-				
A18	US-				
A19	US-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
B1	EP 1 162221 A1		12-12-2001	MITSUI CHEMICALS, INC.		
B2	EP 1 308 473 A1		05-07-2003	POLYGANICS B.V.		
B3	WO 02/053616 A1		07-11-2002	ARTIMPLANT AB		
B4	WO 97/22643		06-26-1997	ARTIMPLANT DEVELOPMENT ARDEV AB		
B5	JP 06157799		06-07-1994	FUKUNAGA JUICHI	ABSTRACT	
B6	WO 2004/065450A3 **CORRESPONDING TO PRESENT U.S. APPLICATION		05-08-2004	UNIVERSITY OF PITTSBURGH	** INTERNATIONAL SEARCH REPORT	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/759,904
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		First Named Inventor	ERIC J. BECKMAN
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Sheet	2	of	3
		Attorney Docket Number	

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				Art Unit	1632
				Examiner Name	TO BE ASSIGNED
Sheet	3	of	3	Attorney Docket Number	02-012

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	KATRIN GISSELFALT et. al.; "SYNTHESIS AND PROPERTIES OF DEGRADABLE POLY(URETHANE UREA)S TO BE USED FOR LIGAMENT RECONSTRUCTIONS"; Biomacromolecules 2002; 3; pages 951-958.	
	C2	HIROTO KUDO et. al.; "SYNTHESIS AND SELF-POLYADDITION OF OPTICALLY ACTIVE MONOMERS DERIVED FROM TYROSINE"; American Chemical Society; Macromolecules; Volume 34; Number 16; July 31, 2001, pages 5355-5357.	
	C3	G. A. SKARJA, K.A. WOODHOUSE; "SYNTHESIS AND CHARACTERIZATION OF DEGRADABLE POLYURETHANE ELASTOMERS CONTAINING AN AMINO ACID-BASED CHAIN EXTENDER"; J. Biomater. Sci. Polymer Edn; 1998; Volume 9; No. 3; pages 271-295.	
	C4	B. SAAD et. al.; "NEW VERSATILE, ELASTOMERIC, DEGRADABLE POLYMERIC MATERIALS FOR MEDICINE"; International Journal of Biological Macromolecules; 25; (1999); pages 293-301.	
	C5	T.E. LIPATOVA, et.al.; "Biocompatible Polymers for Medical Application"; Macromol. Symp. 152, (2000), pages 139-150	
	C6	CHEN, DAJUN et. al.; Biodegradable Polyurethane Modified by Starch, Chemical Abstracts, Columbus, Ohio, US, vol. 127, No. 9, September 1, 1997.	
	C7	De GROTT, J. H. et.al. , "New Biomedical Polyurethane Ureas with High Tear Strengths"; Polymer Bulletin, Vol. 38, No. 2, February 1, 1997, pages 211-218.	

Examiner Signature	Date Considered
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